

WHAT IS CLAIMED IS:

1. A domain name system inquiry apparatus comprising:
current location information receiving means for
receiving location information of the apparatus itself on a
connected network;

current location management means for storing location
information received by said current location information
receiving means;

server information receiving means for receiving server
information regarding a domain name system server to which
an inquiry can be made;

server management means for storing the server
information received by said server information receiving
means;

request receiving means for receiving an inquiry
request to a domain name system server from a client;

request transferring means for transferring the inquiry
request received by said request receiving means to at least
one domain name system server determined on the basis of
said location information and/or said server information;

response receiving means for receiving a response to
the inquiry request transferred by said request transferring
means;

server information changing means for rewriting said

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a third step of receiving server information regarding a domain name system server to which an inquiry can be made;

a fifth step of receiving an inquiry request to a domain name system server from a client;

a seventh step of receiving a response to the inquiry request transferred in said sixth step;

a ninth step of selecting a response result to said inquiry request on the basis of this server information and sending the response result to said client.

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        a tenth step of receiving an algorithm for selecting
said response result;

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a twelfth step of selecting the response result in said ninth step by using the algorithm stored in said eleventh

5. A computer-readable recording medium having a domain name system inquiry method recorded therein, the domain name system inquiry method comprising:

a second step of storing the location information received in said first step;

a fourth step of storing the server information received in said third step;

a sixth step of transferring the inquiry request received in said fifth step to at least one domain name system server determined on the basis of said location information and/or said server information;

an eighth step of rewriting said server information when rewriting of said server information occurs by the response received in said seventh step; and

a ninth step of selecting a response result to said

6. A domain name system inquiry apparatus comprising:
current location information receiving mechanism
configured to receive location information of the apparatus
itself on a connected network;

server information receiving mechanism configured to receive server information regarding a domain name system server to which an inquiry can be made;

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request receiving mechanism configured to receive an
inquiry request to a domain name system server from a
client;

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response receiving mechanism configured to receive a

server information changing mechanism configured to rewrite said server information when rewriting of said server information occurs by the response received by said response receiving mechanism; and

7. A domain name system inquiry apparatus according to claim 5, further comprising:

algorithm management mechanism configured to store the
algorithm received by said algorithm receiving mechanism;
and

algorithm processing section mechanism configured to select a response result in said request responding mechanism by using the algorithm stored in said algorithm management mechanism.